

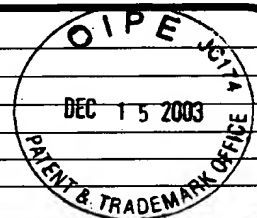
Form PTO-1449 • (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071671/0156		SERIAL NO. Unassigned	
<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT Tadashi EMORI, et al.			
				FILING DATE 10/25/2000		GROUP ART UNIT Unassigned	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	A1	6-214596	8/94	JAPAN			Abst.
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<i>M</i>	A2	P. Zhan et al., "Speaker Normalization Based on Frequency Warping", 1997 IEEE, (Literature 2), pp. 1039-1042.					
<i>f</i>	A3	"Fundamentals of Voice Recognition", Part I, translated and edited by Yoshii, NTT Advanced Technology Co., Ltd., (Literature 3), pp. 62-63, 1995 (Japanese document with English translation).					
<i>f</i>	A4	A. V. Oppenheim et al., "Discrete Representation of Signals", Proceedings of IEEE, Vol. 60:6, (Literature 4), pp. 681-691, 1972.					
<i>mo</i>	A5	"Fundamentals of Voice Recognition", (Part II), translated and edited by Furui, NTT Advanced Technology Co., Ltd., (Literature 5), pp. 102-185, 1995 (Japanese document with English translation).					
EXAMINER		DATE CONSIDERED					
<i>mmg</i>		3/23/04					
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: December 15, 2003 <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/695,067</td> </tr> <tr> <td>Filing Date</td> <td>10/25/2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Tadashi EMORI</td> </tr> <tr> <td>Group Art Unit</td> <td>2641</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>071671-0156</td> </tr> </table>		Application Number	09/695,067	Filing Date	10/25/2000	First Named Inventor	Tadashi EMORI	Group Art Unit	2641	Examiner Name	Unknown	Attorney Docket Number	071671-0156
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Attorney Docket Number	071671-0156														
Sheet	1	of	1												

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
ml	A1	LI LEE et al., "A Frequency Warping Approach to Speaker Normalization," 1998, pages 49-60.	
	A2	TOSHIKI FUKADA et al., "Speaker Normalized Acoustic Modeling Based on 3-D Viterbi Decoding," 1998, pages 437-440.	
	A3	MAEDA, et al., "Straight Voice Conversion Using Warping Along the Frequency Axis of the Spectrum," 1999, pages 187-188	
	A4	TOKUDA et al., "Voice Mel-Cepstrum Analysis Using Secondary Allpass Function Based Frequency Conversions," 1998, pages 279-280	
ml	A5	MIYAJIMA et al., "Speaker Recognition Based on Discriminative Feature Extraction - Optimization of Mel-Cepstral Features," 1999, pages 1-8	

Examiner Signature		Date Considered	3/23/04
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